



MISSOURI DEPARTMENT OF TRANSPORTATION
LEASE MODEL TRACTOR
MINIMUM SPECIFICATIONS E620E

GENERAL

This specification is to establish a tractor lease program for the Missouri Department of Transportation (herein referred to as department).

NOTE: Complete machine must be manufactured in accordance with the latest adopted OSHA or SAE Standard and amendments thereto at the time of manufacture.

ENGINE

Diesel. Minimum PTO HP 40 and a Maximum PTO HP 75.

PTO

A live 540/1000 RPM PTO must be provided.

SEAT

Super deluxe heavy duty industrial with foam padded upholstered seat cushion and backrest. Seat to have complete vertical and horizontal adjustment with coil spring or equal type shock absorber suspension and tension adjustment.

BRAKES

Hydraulic mechanical, foot pedal operated individually or latched together and operated simultaneously.

THREE POINT HITCH

Category II hitch with adjustable stabilizers.

ROLLOVER PROTECTIVE STRUCTURE AND SEAT BELT

Each unit shall be equipped with a heavy-duty steel rollover protective structure with canopy and seat belt mounted and securely anchored to provide operator protection. A complete cab unit is acceptable, but it is required to have air conditioning. ROPS and FOPS minimum performance criteria in accordance with SAE Standard J333B, J1194-77 and J0094-83.

A certification must be furnished denoting the safety installations meet requirements before an award will be made and purchase order issued.

STEERING

Power Assist.

HYDRAULICS

Live hydraulics with (3) double acting auxiliary valves, (2) with float positions.

**LIGHTS**

Complete standard factory installed lights and flashers.

FRONT WEIGHTS

Standard front weight bracket with a minimum 300 lbs. of weights shall be installed on the front of the tractor.

TIRES

The lesser will be responsible for any tire failure due to mechanical or manufacturer defect. Any damage done due to striking or puncturing that is *severe enough to cause the tractor to be inoperable* during operation within the lease period caused by department employees will be the responsibility of the department. **The department shall replace any inoperable tire with the same make and model tire originally supplied with the tractor. MoDOT will not replace or pay for any tire damage during normal use when the tractors are returned at the end of the lease period.** All tires must be brands, models and sizes readily available from multiple dealers in the domestic market. Used tires may be installed on tractor rims but must have at least 2/3 tread remaining on tires. No fluid filled tires will be accepted.

COLOR

Standard manufacturers color.

MISCELLANEOUS

Low Center of Gravity tractors must have agricultural tread tires and provide lower ground clearance than the standard tractors.

Decals and all other forms of Dealer Advertisements are to be left off units delivered to the department. Any dealer advertisements larger than 12 square inches must be removed or covered.